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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/782,732	02/19/2004	Sohail Baig Mohammed	MS1-1849US	3406

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LEE & HAYES PLLC
421 W RIVERSIDE AVENUE SUITE 500
SPOKANE, WA 99201

EXAMINER	
SHRESTHA, KIRAN K	

ART UNIT	PAPER NUMBER
2173	

NOTIFICATION DATE	DELIVERY MODE
06/29/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

lhptoms@leehayes.com

Office Action Summary	Application No.	Applicant(s)	
	10/782,732	MOHAMMED ET AL.	
	Examiner	Art Unit	
	Kiran K. Shrestha	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *19 February 2004*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-41* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-41* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *19 February 2004* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *04/2004*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

This action is in response to the original filing of February 19, 2004. Claims 1, 12, 20, 26 and 33 are independent claims. Claims 1-41 are pending and have been considered below.

Information Disclosure Statement

The information disclosure statement (IDS) submitted on 2/19/2004. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

   A person shall be entitled to a patent unless –

   (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-8, 10-14, 16-22, 24-29, 31-39 and 41 are rejected under 35 U.S.C. 102(e) as being anticipated by **Lin et al.** (US6369835B1).

Claims 1, 12, 20, 26 and 33: Lin discloses system, method and computer-readable media comprising: examining a plurality of nodes within a media timeline (Column 19, Lines 46-49), wherein: the media timeline is for exposure over an application programming interface (API) (Column 10, Lines 42-54); and one or more said nodes reference respective media (Fig. 14: items 354, 356); and dividing the media timeline

into one or more presentations, wherein each said presentation describes a rendering of the media for a particular interval of time (Column 17, Lines 32-42).

Claims 2, 3, 21, 22, 27 and 28: Lin discloses system, method and computer-readable media as described in claims 1, 1, 20, 20, 26 and 26, wherein: each said presentation describes a collection of software components that, when executed, provides the described rendering for the particular interval of time (Column 8, Lines 11-33); and each said collection does not change for the particular interval of time described by a respective said presentation (Column 8, Lines 11-20).

Claims 4 and 35: Lin discloses method as described in claim 1, wherein: each said presentation describes a respective partial topology of software components (Column 8, Lines 33-39); and the respective partial topology is for resolving into a full topology that references each software component utilized to render a respective said presentation (Column 8, Lines 33-46).

Claim 5: Lin discloses method as described in claim 1, wherein: each said presentation describes a collection of software components that, when executed, provides the described rendering of the media for the particular interval of time (Column 10, Lines 43-54); and the method further comprises: loading each said software component described by a first said collection (Column 10, Lines 43-46: video); executing each said software component described by the first said collection (Column 10, Lines 43-45); and loading each said software component described by a second said collection (Column 10, Lines 43-46: audio).

Claim 6: Lin discloses method as described in claim 5, wherein each said software component that is described by the second said collection is loaded during the executing of the first said collection (Column 8, Lines 43-48: audio).

Claim 7: Lin discloses method as described in claim 1, further comprising receiving a request from the application over the API to render the media timeline (Column 10, Lines 48-54).

Claims 8 and 36: Lin discloses method and source as described in claims 1 and 33, wherein at least one said node is configured to reference an effect to be applied to an output of said media referenced by the node (Column 10, Lines 55-65).

Claims 10 and 37: Lin discloses method and source as described in claims 1 and 33, wherein at least one said node is configured for communication of events to another said node such that a change may be made to the media timeline while the media timeline is rendered (Column 19, Lines 46-52).

Claims 11 and 19: Lin discloses one or more computer readable media comprising computer executable instruction that, when executed on a computer, direct the computer to perform the method of claims 1 and 12 (Column 5, Lines 48-54).

Claim 13: Lin discloses method as described in claim 12, wherein the rendering further comprises: examining the media timeline (Column 19, Lines 46-49); and dividing the media timeline into the one or more presentations, wherein each said presentation describes a collection of software components utilized to render said media for a particular interval of time (Column 17, Lines 32-42).

Claim 14: Lin discloses method as described in claim 12, wherein the rendering further comprise dividing the media timeline into the one or more presentations such that: each said presentation describes a collection of software components utilized to render said media for a particular interval of time (Column 17, Lines 32-42); and each said collection does not change for the particular interval of time described by a respective said presentation (Column 8, Lines 11-20).

Claim 16: Lin discloses method as described in claim 12, wherein: the rendering further comprises dividing the media timeline into the one or more presentations such that each said presentation describes a collection of software components utilized to render said media for a particular interval of time (Column 10, Lines 43-54); and the method further comprises: loading each said software component described by a first said collection (Column 10, Lines 43-46: video); executing each said software component described by the first said collection (Column 10, Lines 43-45); and loading each said software component described by a second said collection (Column 10, Lines 43-46: audio).

Claims 17 and 24: Lin discloses method and one or more computer-readable media as described in claims 12 and 20, wherein at least one said node is configured to reference an effect to be applied to an output of said media referenced by the node (Column 10, Lines 55-65).

Claim 18: Lin discloses method as described in claim 12, wherein at least one said node is configured for communication of events to another said node such that a change may be made to the media timeline while the media timeline is rendered by performing at least one of the following: changing to a property of the at least one said

node (e.g. ".qtm", ".mov", ".avi" or "mooV") (Column 3, Lines 3-10); adding one or more additional said nodes as a child to the at least one said node; removing one or more said nodes that are children of the at least one said node; adding an effect to the at least one said node; and removing an effect from the at least one said node (Column 3, Lines 3-61).

Claims 25 and 32: Lin discloses one or more computer-readable media and system as described in claims 20 and 26, wherein the media timeline includes a plurality of nodes (Column 19, Lines 46-49); at least two said nodes reference respective said media (Fig. 14: items 354, 356); and at least one said node is configured for communication of events to another said node such that a change may be made to the media timeline while the media timeline is rendered (Column 19, Lines 46-52).

Claim 29: Lin discloses system as described in claim 26, wherein each said presentation: describes rendering of said media for a particular interval of time (Column 8, Lines 11-33); describes a collection of software components that, when executed, provide the described rendering (Column 8, Lines 11-33); and the collection does not change for the particular interval of time described (Column 8, Lines 11-20).

Claim 31: Lin discloses system as described in claim 26, wherein: the media timeline includes a plurality of nodes (Column 19, Lines 46-49); at least two said nodes reference respective said media (Fig. 14: items 354, 356); and at least one said node is configured to reference an effect to be applied to an output of media referenced by the node (Column 19, Lines 46-55).

Claim 34: Lin discloses timeline source as described in claim 33, wherein each said collection does not change for the particular interval of time described by a respective said presentation (Column 8, Lines 11-20).

Claim 38: Lin discloses timeline source as described in claim 33, wherein the media timeline is configured for dynamic creation such that at least one said node is created while the media timeline is rendered (Column 11, Lines 9-16).

Claim 39: Lin discloses timeline source as described in claim 33, wherein the media timeline is configured for dynamic loading such that metadata included in at least one said node specifies a collection of said nodes to be loaded when the media timeline is rendered (Column 11, Lines 4-16).

Claim 41: Lin discloses timeline source as described in claim 33, further comprising means for translating a time specified by one said node for rendering the one said node with respect to a time specified by another said node (Fig. 2: items 66, 78B, 78C and 98).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 9, 15, 23, 30 and 40 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Lin et al.** (US6369835B1) in view of **French et al.** (US6266053B1).

Claims 9 and 40: Lin discloses method and source as described in claims 1 and 33, **Lin** does not teach "node is specified as read-only", but **French** does teach input object is read-only (Column 9, Lines 24-30). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to include read-only in **Lin**'s systems. One would have been motivated to do so in order to efficiently protect node (Column 9, Lines 24-30: object) being override.

Claim 15, 23 and 30: Lin discloses method, one or more computer-readable media and system as described in claims 12 and 20, wherein the rendering further comprises: **Lin** does disclose "dividing the media timeline into the one or more presentations" (Column 10, Lines 43-48) but Lin does not teach "each said presentation describes a respective partial topology of software components; and the respective partial topology is for resolving into a full topology that references each software component utilized to provide a respective said presentation." **French** does teach topology (Column 9, Lines 17-24: graph). Therefore, it would have been obvious to one having ordinary skill in the art at the time of the invention was made to include partial or full topology in **Lin**'s systems. One would have been motivated to do so in order to efficiently utilized topology on presentation (Column 9, Lines 17-24: graph).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Kiran K. Shrestha whose telephone number is (571) 270-1691. The examiner can normally be reached Monday through Thursday from 7:00 a.m. to 4:30 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca, can be reached on (571) 272-4048. The fax phone number for Formal or Official faxes to Technology Center 2100 is (571) 273-3800. Draft or Informal faxes, which will not be entered in the application, may be submitted directly to the examiner at (571) 270-2691.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group Receptionist whose telephone number is (571) 272-3600.

K-S.

KKS
June 21, 2007

TADESSE HAILU
PRIMARY EXAMINER

John W. Cabeca
Supervisory Primary Examiner